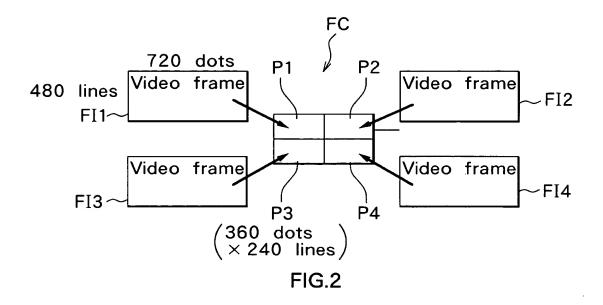
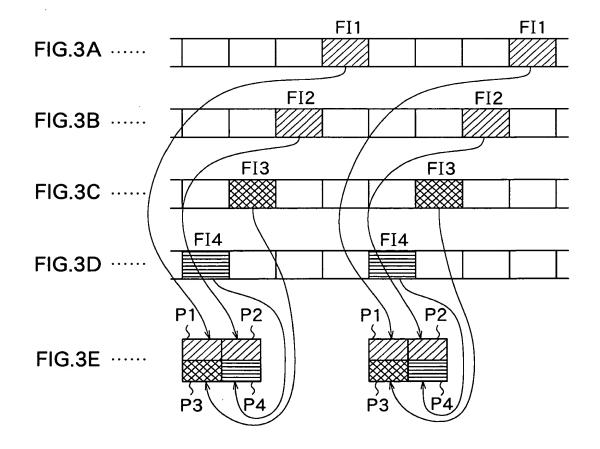


<u>H</u>





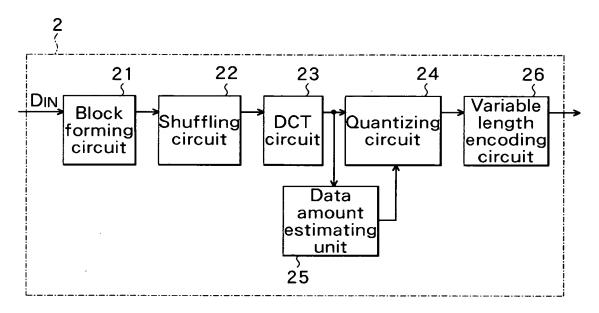


FIG.4

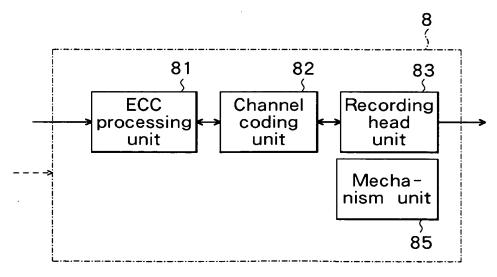
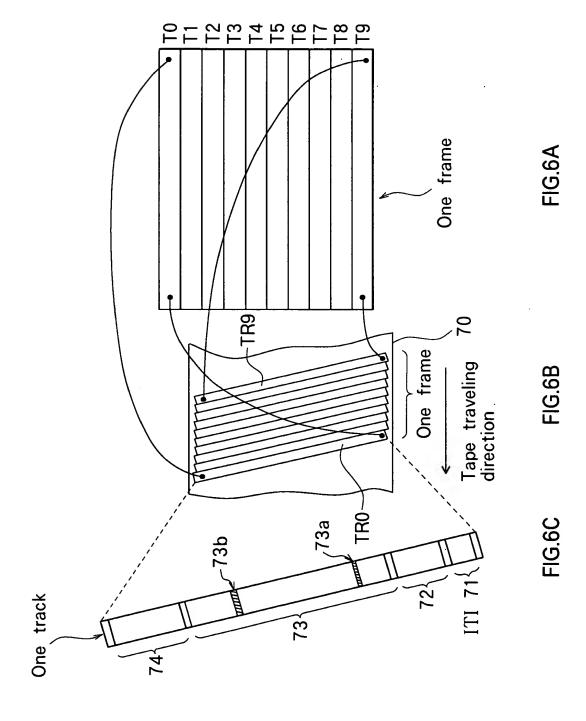


FIG.5



						IK	No.				
		0	1	2	3	4	5	6	7	8	9
	11	13	13	13	13	13	63	63	63	63	63
	10	FF	FF	FF	FF	FF	62	62	62	62	62
<u>9</u>	9	13	13	13	13	13	13	13	13	13	13
Ž	8	13	13	13	13	13	FF	FF	FF	FF	FF
¥	7	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
block	6	13	13	13	13	13	13	13	13	13	13
ă	5	13_	_13_	_13	13	13	63	63	63	63	63
α	4	FF	FF	FF	F	FF	62	62	62	62	62
Ĕ	3	13	13	13	13	13	13	13	13	13	13
Sync	2	13	13	13	13	13	FF	FF	FF	FF	FF"
	1	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
	0	13	13	13	13	13	13	13	13	13	13

FIG.7

TR No.

Sync block No.

2 FF 0 1 3 4 5 6 7 8 9 FF FF FF FF FF FF 61 FF FF FF 61 4434409876543210987654321 FF FB FF FB FF FF 61 60 FF FF 61 60 (2)(0)FF FF 61 60 FB (4) FB FB (2) 60 (3)FB FB FB (2) FB FE FE FE FE (4) (4)(0)**FB** FB FB (2) FB (4)(4)FB (3) (2)FB (4) FB FB (2) FE FE FE FE (4)FB (2) FB (4) **FB** FB (4)(4)FB FB FB (2) $(\overline{4})$ (4) FB FB FB (4)(4)(4)FB FB (4) **FB FB** (1)(4)(4)FB FB (4)(4)FB (1)FB (4) FB FB (4)(4) **FB** FB **FB FB** (4)(4)(4)(0)FB (4) FB (4) FD FO FF FF FF FF FF FF 61 FF FF FF FF FF FF FF 61 FB FB FB (4)(4)<u>FF</u> <u>FF</u> <u>61</u> (0)FF FF 61 FF FB FD 61 (4)0 F0 <u>60</u> 60 <u>60</u> 60

FIG.8

	Bit-7	Bit-6	Bit-5	Bit-4	Bit - 3	Bit-2	Bit-1	Bit-0		
PC0	0	1	1 0 0 0 1 0							
PC1	DS	ТМ	TIME ZONE							
PC2	1	1	DAY							
PC3		WEEK	MONTH							
PC4			YEAR							

FIG.9

	Bit-7	Bit-6	Bit - 5	Bit-4	Bit-3	Bit-2	Bit-1	Bit - 0
PC0	0	1	1	0	0	0	1	1
PC1	S2	S1	TEN: FRA	S of MES	UNIT	ΓS of	FRA	MES
PC2	S3		ENS (UNIT	S of	SECO	ONDS
PC3	S4		ENS (UNIT	S of	MINU	JTES
PC4	S6	S5	TEN: HOI	S of JRS	UNI	TS o	f HO	JRS

FIG.10

	Bit-7	Bit-6	Bit - 5	Bit-4	Bit - 3	Bit - 2	Bit - 1	Bit-0
PC0	1	1	1	1	1	1	0	1
PC1		N	IULTI	PACK	DATA	A COD	E	-
PC2	TT	1	1	1	4			
PC3				— ТЕ	OP —			—
PC4	1	1	—					

FIG.11

	Bit-7	Bit-6	Bit-5	Bit-4	Bit-3	Bit-2	Bit - 1	Bit-0	
PC0	1	1	1	1	1	0	1	1	
PC1		VER	SION		EXT	ENSI	ON C	ODE	
PC2		NO OF PACKS							
PC3									
PC4									

FIG.12

1 0 E9
E1 E9
D E9
D E9
10: 0
10:4
1 Bit - 0
1
0
DDE
No. - 1)
No. - 3)
1 Bit - 0
1
0
No. - 5)
No. - 7)
No. - 9)
1 Bit - 0
1
0
0 No. 11)
0 No.

FIG.13

FIG.14A

1

FIG.14B

2

FIG.14C

1	2
3	4

FIG.14D

1	2
3	4
5	6
7	8

FIG.14E

1	2	3	4
5	6	7	8

FIG.14F

1	2	3
4	5	6
7	8	9

FIG.14G

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16

PC0 1 1 1 1 1 0 0 1 1 PC1 0 0 0 0 1 0 0 0 1 PC2	[Bit-7	Bit-6	Bit-5	Bit-4	Bit-3	Bit-2	Bit-1	Bit-0	
PC2		PC0	1	1	1	1	1	0	1	1	
PC3 PC4 Bit-7 Bit-6 Bit-5 Bit-4 Bit-3 Bit-2 Bit-1 Bit-0 PC0		PC1	0	0	0	. 1	0	0	0	1	
PC4	R0∼∕	PC2			NO	OF	PACI	<s< td=""><td></td><td></td></s<>			
Bit-7Bit-6Bit-5Bit-4Bit-3Bit-2Bit-1Bit-0 PC0		PC3					-				
PC0 1 1 1 1 1 0 1 1 0 1 1 PC1 0 0 0 0 1 1 1 1 0 0 1 1 1 0 0 1 1 1 0		PC4									
PC0 1 1 1 1 1 0 1 1 0 1 1 PC1 0 0 0 0 1 1 1 1 0 0 1 1 1 0 0 1 1 1 0			D: 7	D: C	D: E	D: 4	D: 0	D: 0	D: 4	D: 0	
PC1 0 0 0 1 1 1 1 0 PC2 S2 S1 TENS of UNITS of FRAMES PC3 S3 TENS of SECONDS PC4 S4 TENS of MINUTES Bit-7Bit-6Bit-5Bit-4Bit-3Bit-2Bit-1Bit-0 PC3 S3 TENS of SECONDS PC4 S4 TENS of UNITS of SECONDS R2 PC0 1 1 1 1 1 0 1 1 PC3 S3 TENS of SECONDS PC4 S4 TENS of UNITS of SECONDS PC4 S4 TENS of UNITS of MINUTES Bit-7Bit-6Bit-5Bit-4Bit-3Bit-2Bit-1Bit-0 PC4 S4 TENS of UNITS of MINUTES Bit-7Bit-6Bit-5Bit-4Bit-3Bit-2Bit-1Bit-0 PC0 1 1 1 1 1 0 1 1 PC1 0 0 0 0 1 1 1 1 0	}							Bit-Z	Bit- I	BIT-0	
PC2 S2 S1 TENS of FRAMES UNITS of FRAMES PC3 S3 TENS of SECONDS UNITS of SECONDS PC4 S4 TENS of MINUTES UNITS of MINUTES Bit-7Bit-6Bit-5Bit-4Bit-3Bit-2Bit-1Bit-0		PC0	1	1	1	1	1	0	1	1	
PC2 S2 S1 FRAMES UNITS OF FRAMES PC3 S3 TENS OF SECONDS PC4 S4 TENS OF UNITS OF MINUTES Bit-7Bit-6Bit-5Bit-4Bit-3Bit-2Bit-1Bit-0 PC3 S3 TENS OF SECONDS PC4 S4 TENS OF UNITS OF MINUTES PC4 S4 TENS OF UNITS OF MINUTES Bit-7Bit-6Bit-5Bit-4Bit-3Bit-2Bit-1Bit-0 PC6 Tens Of UNITS OF TENS OF PC7 PC8 S2 S1 TENS OF UNITS OF TENS OF PC8 S2 S1 TENS OF UNITS OF TENS O		PC1	0	0		•	1	1	1	0	
PC3 S3 SECONDS UNITS of SECONDS PC4 S4 TENS of UNITS of MINUTES Bit-7Bit-6Bit-5Bit-4Bit-3Bit-2Bit-1Bit-0 PC3 S3 TENS of SECONDS PC4 S4 TENS of UNITS of SECONDS PC4 S4 TENS of UNITS of MINUTES Bit-7Bit-6Bit-5Bit-4Bit-3Bit-2Bit-1Bit-0 PC0 1 1 1 1 0 1 1 PC1 0 0 0 1 1 1 0 PC2 S2 S1 TENS of UNITS of EPAMES	R1~∕	PC2	S2		FRA	MES	UNITS of FRAMES				
R2		PC3	S 3				UNITS of SECONDS				
R2 PC0 1 1 1 1 1 0 1 1 R15 PC3 S3 TENS of SECONDS SECONDS SECONDS UNITS of SECONDS PC4 S4 TENS of MINUTES UNITS of MINUTES Bit-7Bit-6Bit-5Bit-4Bit-3Bit-2Bit-1Bit-0 PC0 1 1 1 0 1 1 PC1 0 0 0 1 1 1 1 0		PC4	S4				UNIT	S of	MINU	JTES	
R2 PC0 1 1 1 1 1 0 1 1 R15 PC3 S3 TENS of SECONDS SECONDS SECONDS UNITS of SECONDS PC4 S4 TENS of MINUTES UNITS of MINUTES Bit-7Bit-6Bit-5Bit-4Bit-3Bit-2Bit-1Bit-0 PC0 1 1 1 0 1 1 PC1 0 0 0 1 1 1 1 0											
PC3 S3 TENS of SECONDS PC4 S4 TENS of UNITS of SECONDS PC4 S4 TENS of UNITS of MINUTES Bit-7Bit-6Bit-5Bit-4Bit-3Bit-2Bit-1Bit-0 PC0 1 1 1 1 1 0 1 1 PC1 0 0 0 1 1 1 0 0 1 1			Bit - 7	Bit - 6	Bit - 5	Bit - 4	Bit - 3	Bit-2	Bit - 1	Bit-0	
PC3 S3 SECONDS UNITS OF SECONDS	R2~∕	PC0	1	1	1	1	1	0	1	1	
PC4 S4 ILNS UNITS of MINUTES Bit-7Bit-6Bit-5Bit-4Bit-3Bit-2Bit-1Bit-0 PC0 1 1 1 0 1 1 PC1 0 0 0 1 1 1 0 1 1 PC2 S2 S1 TENS of LINITS of EPAMES	D4.5	PC3	S3	SE	CON		UNITS of SECONDS				
PC0 1 1 1 1 1 0 1 1 PC1 0 0 0 0 1 1 1 1 0 PC2 S2 S1 TENS of LINITS of EPAMES	K15~	PC4	S4				UNIT	S of	MINU	JTES	
PC0 1 1 1 1 1 0 1 1 PC1 0 0 0 0 1 1 1 1 0 PC2 S2 S1 TENS of LINITS of EPAMES			-								
PC1 0 0 0 1 1 1 0			Bit-7	Bit - 6	Bit - 5	Bit - 4	Bit-3	Bit-2	Bit - 1	Bit-0	
DC2 S2 S1 TENS OF LINITS OF EDAMES		PC0	1	1	1	1	1	0	1	1	
	:	PC1	0	0	0	1	1	1	1	0	
	R16~	PC2	S2		FRA	MES	UNITS of FRAMES				
PC3 S3 TENS of UNITS of SECONDS		PC3	S3		ENS (of	UNIT	S of	SECO	DNDS	
PC4 S4 TENS of UNITS of MINUTES		PC4	S4	T	ENS	of	UNIT	S of	MIN	JTES	

FIG.15

[Bit-7	Bit-6	Bit-5	Bit-4	Bit-3	Bit-2	Bit-1	Bit-0		
	PC0	1	1	1	1	1	0	1	1		
	PC1	0	0	0	1	0	0	1	0		
C0 ~∕	PC2		NO OF PACKS								
	PC3	1	1	1	1	С	AMEF	RA No	э.		
	PC4	(CAME	RA N	AME (CHA	RACTI	ER-0)		
		.	D: 0	.	D: 4	<u> </u>	5 ·· •	D :	'D		
		Bit-7	Bit-6	Bit-5	Bit-4	Bit - 3	Bit-2	Bit-1	Bit - 0		
	PC0	1	1	1	1	1	0	1	1		
,	PC1	0	0	0	1	1	1	1	0		
C1 ~1	PC2	C	CAME	RA N	AME (CHA	RACTI	ER-1) •		
	PC3		CAME	RA N	AME (CHA	RACT	ER-2)		
	PC4	C	CAME	RA N	AME (CHA	RACT	ER-3)		
		D: 4 - 7	D: C	D:+	D:+ 4	D:+ 0	D.+ 0	D:+ 1	D:+ 0		
}									Bit-0		
	PC0	1	1	1	1	1	0	1	1		
	PC1	0	0	0	1	1	1	. 1	0		
C2~	PC2	CAMERA NAME (CHARACTER-4)									
	PC3	CAMERA NAME (CHARACTER-5)									
	PC4	CAMERA NAME (CHARACTER-6)									
	Bit - 7 Bit - 6 Bit - 5 Bit - 4 Bit - 3 Bit - 2 Bit - 1 Bit - 0										
	PC0	1	1	1	1	1	0	1	1		
	PC1				1	1	1.	1	0		
		0	0	0	<u>'</u>	l	L		<u> </u>		
C3~1	PC2	(CAME	RA N	AME (CHAI	RACT	ER-7)		
	PC3	(CAME	RA N	AME (CHAI	RACT	ER-8)		
	PC4		CAME	RA N	AME ((CHAI	RACT	ER-9)		
•	FIC 16										

FIG.16

1		<u>Г</u>	D: 0	D:. E	D:. 4	D: 0	D: 0	D: 4	<u> </u>
		Bit-1	BIT-P	Bit-5	Bit-4	Bit-3	Bit-2	Bit-I	Bit-0
	PC0	1	1	1	1	1	0	1	1
	PC1	0	0	0	1	0	0	1.	1
PI0∼∕	PC2			NO	O OF	PACI	KS		
	PC3			C	orpor	ate II	D		
	PC4			C	Corpor	ate II	D		
		·						-	
		Bit-7	Bit-6	Bit - 5	Bit-4	Bit - 3	Bit - 2	Bit - 1	Bit-0
	PC0	1	1	1	1	1	0	1	1
	PC1	0	0	0	1	1	1	1	0
PI1∼∕	PC2	Corporate ID							
	PC3	Company ID							
	PC4	Division ID							
		Bit-7	Bit-6	Bit-5	Bit-4	Bit - 3	Bit - 2	Bit-1	Bit-0
	PC0	1	1	1	1	1	0	1	1
PI2∼	PC1	0	0	0	1	1	1	1	0
	PC2				Mod	el ID			
	PC3				Mod	el ID			
	PC4				Mod	el ID			

FIG.17

[Bit-7	Bit-6	Bit-5	Bit-4	Bit-3	Bit-2	Bit-1	Bit-0
	PC0	1	1	1	1	1	0	1	1
	PC1	0	0	0	1	0	1	0	0
U0 <i>~</i> ∕∕	PC2			NO	OF	PACI	<s< td=""><td></td><td></td></s<>		
	PC3	1	1	1	1	D	IVISIO	DN No	Э.
	PC4			<u> </u>					
Ì		Bit - 7	Bit - 6	Bit - 5	Bit-4	Bit - 3	Bit - 2	Bit - 1	Bit-0
	PC0	1	1	1	1	1	0	1	1
	PC1			US	SER D	ATA	- 0		
U1∕⁄⁄	PC2			US	SER D	ATA-	- 1		
	PC3	USER DATA-2							
	PC4		USER DATA-3						
				.			5: 0	D . 4	D: 0
		Bit- /	Bit-6	Bit-5	Bit-4	Bit-3	Bit-2	Bit-1	Bit-0
	PC0	1	1	1	1	1	0	1	1
U2 <i>∕</i> ∕∕	PC1	USER DATA-4							
	PC2	USER DATA-5							
					•				
	<u> </u>	Bit - 7 Bit - 6 Bit - 5 Bit - 4 Bit - 3 Bit - 2 Bit - 1 Bit - 0							
	PC0	1	1	1	1	1	0	1	1
	PC1			US	ER D	ATA-	28		•
U8 <i>∕</i> ∕∕	PC2			US	ER D	ATA-	29		
	PC3			US	ER D	ATA-	30		
	PC4			US	ER D	ATA-	31		

FIG.18

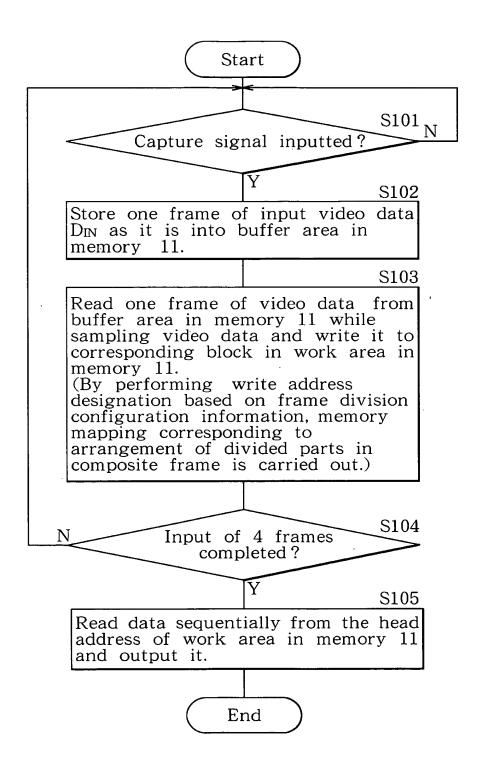


FIG.19

Start

S201

Generate data pack "GENERAL" including frame division configuration information and camera identification information, data pack "CAMERA NAME" including camera name, and data pack "PRODUCT ID" including recording apparatus identification information, on the basis of setup data, and store them.

N Capture signal inputted?

S203

Generate data pack "REC TIME OFFSET" including recording date and time information and data pack "USER DATA" including user information, on the basis of input timing of capture signal and frame division configuration information.

 $\overline{\mathrm{Y}}$

S204

Write data packs "REC TIME OFFSET" and "USER DATA" to memory 4.

S205

Transfer and write data packs in memory 4 to memory unit 5 synchronously with transfer of composite video data from compression processing unit 2 to memory unit 5. (perform address designation corresponding to recording format of tape 70.)

S206

Output data in memory unit 5 to recording processing unit 8 and write it onto tape 70.

End

FIG.20

C1 C2 C3 C4 C5 C6 C7 C8 C9 C10 C12 C13 C14 C15 C16	
C15 C16	

(D1)	(D2)	(D3)	(D4)
C1	C2	C3	C4
(D5)	(D6)	(D7)	(D8)
C5	C6	C7	C8
(D9)	(D10)	(D11)	(D12)
C9	C10	C11	C12
(D13)	(D14)	(D15)	(D16)
C13	C14	C15	C16

FIG.21A

(D1)	(D2)	(D3)	(D4)
C1	C2	C3	C4
(D5)	(D6)	(D7)	(D8)
C5	C6	C7	C8
(D9)	(D10)	(D11)	(D12)
C9	C10	C11	C12
(D13)	(D14)	(D15)	(D16)
C13	C14	C15	C16

FIG.21C

FIG.21B

C1 C2 C3 C4	FIG.22B	(D1) C1	(D2) C2
C4	110.225	(D3) C3	(D4) C4
C8	FIC 220	(D1) C5	(D2) C6
C12 J C13 7 C14 C15	FIG.22C	(D3) C7	(D4) C8
FIG.22A	FIG.22D	(D1) C9	(D2) C10
		(D3) C11	(D4) C12
		(D1) . C13	(D2) C14
	FIG.22E	(D3) C15	(D4) C16
		(D1) C1	(D2) C2
	FIG.22F	(D3) C3	(D4) C4
			•

	(D1) C1	(D2) C2
FIG.23A	(D3) C3	(D4) C4

FIG.23E

(D1)	(D2)	(D3)	(D4)
<u>C1</u>	_C2	C3	C4
	(D6)	(D7)	(D8)
C5	C6	C7	C8
(D9)	(D10)	(D11)	(D12)
C9	C10	C11	C12
		(D15)	
C13	C14	C15	C16

FIG.23B

(D1)	(D2)
C5	C6
(D3)	(D4)
C7	C8

FIG.23C

(D1)	(D2)
C9	C10
(D3)	(D4)
C11	C12

FIG.23D

(D1)	(D2)
C13	C14
(D3)	(D4)
C15	C16

- ادُ	1		
22	FIG.24B	(D1) C1	(D2) C2
24		(D3) C3	(D4) C4
25 26		(D5) C5	(D6) C6
27 28 -		(D7) C7	(D8) C8
29 -			

(D1) C9 (D2)C10 (D3)C11 (D4) C12 FIG.24C (D5)C13 (D6)C14 (D7)C15 (D8)C16

(D1) C1 (D2) C2 (D3) C3 (D4) C4 FIG.24D (D5) C5 (D6) C6 (D7) C7 (D8) C8

(D1) C9 (D2)C10 (D3)C11 (D4)C12 (D5)C13 (D6)C14 (D7)C15 (D8)C16

C1 C2 C3 C4 C5 C6 C7 C8 C9 C10 C11 C12 C13 C14 C15 C16

FIG.24A

FIG.24E





FIG.25A		
FIG.25B		
FIG.25C		
FIG.25D	•••••••• •	
FIG.25E		